

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	("6538266").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/14 14:59
L3	34	("20010019138"   "20020079538"   "4400711"   "4484244"   "4633283"   "4939616"   "5012317"   "5072273"   "5140401"   "5343053"   "5400202"   "5438005"   "5455436"   "5473169"   "5576557"   "5591992"   "5721445"   "5734541"   "5754381"   "5872379"   "5898205"   "5949634"   "5959820"   "5962876"   "5982601"   "6008684"   "6016002"   "6066879"   "6147369"   "6281527").PN. OR ("6538266"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/14 15:01
L4	43	@ad<="20030909" and (257/112). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 16:18
L5	227	@ad<="20010309" and (257/107). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 15:22
L6	353	@ad<="20010309" and (257/173). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 15:22
L7	138	@ad<="20010309" and (257/e29. 225).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 15:22
L8	248	@ad<="20010309" and (257/e29. 211).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 16:18
L9	182	@ad<="20010309" and (257/e29. 196).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 15:37
L10	494	@ad<="20010309" and trigger and lateral and thyristor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 15:38

## EAST Search History

L11	77	@ad<="20010309" and trigger same substrate and lateral and thyristor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 15:42
L12	1	@ad<="20010309" and trigger same substrate and thyristor and (over with voltage with detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 15:44
L13	69	@ad<="20010309" and trigger and thyristor and (over with voltage with detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 15:44
L16	3	(thyristor and terminal and "auxiliary electrodes" and "control terminal"). clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 16:17
L17	3	(thyristor and "auxiliary electrodes" and "control terminal").clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 16:17
L18	103	@ad<="20030909" and (257/149). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 16:18
L19	107	@ad<="20010309" and (257/355-360).ccls. and "thyristor"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 16:22
L20	418	@ad<="20010309" and (257/e29.212).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 16:22
S1	227	@ad<="20010309" and (257/107). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 15:12
S2	30	@ad<="20010309" and (257/111). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:23
S3	348	@ad<="20010309" and (257/173). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 13:04

## EAST Search History

S4	132	@ad<="20010309" and (257/157). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:23
S5	336	@ad<="20010309" and (257/134-136).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:23
S6	138	@ad<="20010309" and (257/388). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:23
S7	25	@ad<="20010309" and (257/125). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:24
S8	2278	@ad<="20010309" and (257/355-360).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 07:55
S9	742	@ad<="20010309" and (257/361-363).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:25
S10	332	@ad<="20010309" and (257/546). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:25
S11	533	@ad<="20010309" and (257/328). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:26
S12	82	@ad<="20010309" and (363/27). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:26
S13	265	@ad<="20010309" and (363/96). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:26
S14	408	@ad<="20010309" and (363/135). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:27

## EAST Search History

S15	219	@ad<="20010309" and (363/54). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:27
S16	96	@ad<="20010309" and (363/85). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:27
S17	184	@ad<="20010309" and (363/129). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:59
S18	2	"20040046181"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 13:28
S19	438	@ad<="20010309" and 'thyristor' same 'overvoltage' same 'protection'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 12:24
S20	320	@ad<="20010309" and 'thyristor' with 'overvoltage' with 'protection'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 14:40
S21	23	@ad<="20010309" and 'thyristor' same 'overvoltage' same 'protection' and 'control terminal'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 14:04
S22	0	@ad<="20010309" and 'thyristor' and 'overvoltage protection' and 'control terminal' and 'auxiliary terminal'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 11:45
S23	0	@ad<="20010309" and 'thyristor' and 'overvoltage protection' and 'control terminal' and 'auxiliary electrode'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 14:44
S24	14	@ad<="20010309" and 'thyristor' and 'overvoltage protection' and 'control terminal' and 'electrode'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 14:14
S25	12	("4779126" "4896243" "5453384" "5 465189" "5907462" "6081002").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 14:14

## EAST Search History

S26	0	@ad<="20010309" and 'lateral' same 'thyristor' and 'tigger' same 'overvoltage'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 14:21
S27	7	@ad<="20010309" and 'lateral' same 'thyristor' and 'trigger' same 'overvoltage'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 14:21
S28	1	@ad<="20010309" and 'lateral' thyristor' same 'overvoltage'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:36
S29	2	("4896243").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/05 14:43
S30	32	@ad<="20010309" and 'thyristor' and 'ESD protection' and 'terminal' and 'electrode'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 15:14
S31	749	@ad<="20010309" and (257/350). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 14:57
S32	462	@ad<="20010309" and (257/351). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 14:57
S33	327	@ad<="20010309" and (257/352). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 14:57
S34	250	@ad<="20010309" and (257/353). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 14:57
S35	256	@ad<="20010309" and (257/354). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 14:58

## EAST Search History

S36	1143	@ad<="20010309" and (257/355). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 11:53
S37	70	@ad<="20010309" and 'CMOS' and 'thyristor' and 'ESD protection'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/05 15:14
S38	96	christian.in. and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 08:28
S39	3	@ad<="20010309" and 'lateral thyristor' same 'anode' same 'cathode' same 'trigger' same 'gate'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:39
S40	0	@ad<="20010309" and 'lateral thyristor' with 'control terminal'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:40
S41	0	@ad<="20010309" and 'lateral thyristor' with 'tigger terminal'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:40
S42	0	@ad<="20010309" and 'lateral thyristor' with 'trigger terminal'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:40
S43	52	@ad<="20010309" and 'thyristor' with 'trigger terminal'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:40
S44	390	@ad<="20010309" and 'thyristor' with 'control terminal'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:48
S45	248	@ad<="20010309" and 'thyristor' with 'control terminal' and 'cathode' and 'anode'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 11:48
S46	7	@ad<="20010309" and 'thyristor' with 'control terminal' and 'cathode' and 'anode' and 'CMOS'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:42

## EAST Search History

S47	8	@ad<="20010309" and 'thyristor' with 'control terminal' and 'cmos'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 09:57
S48	105	@ad<="20010309" and (257/355-360).cccls. and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 16:22
S49	5	@ad<="20010309" and 'control' with 'lateral thyristor' with 'current'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 10:02
S50	11	@ad<="20010309" and 'thyristor' same 'parastic'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 11:32
S51	0	@ad<="20010309" and 'thyristor' and 'over' adj1 'voltage' with 'detector' and 'CMOS'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 10:07
S52	27	@ad<="20010309" and 'thyristor' and 'over' adj1 'voltage' with 'detector'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 10:11
S53	5	@ad<="20010309" and 'thyristor' and ker.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 10:15
S54	2	("5754380").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/11/08 10:15
S55	82	@ad<="20010309" and 'thyristor' and christian.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 14:14
S56	27	'0200547'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 11:42

## EAST Search History

S57	3	'10111462'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 11:43
S58	104	@ad<="20010309" and 'thyristor' and 'overvoltage protection' and 'terminal' and 'electrode'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 11:46
S59	20	@ad<="20010309" and 'thyristor' with 'control terminal' and 'cathode' and 'anode' and 'over' adj1 'voltage'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 11:48
S60	39	@ad<="20010309" and 'thyristor' with 'control terminal' and 'cathode' and 'anode' and 'overvoltage'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 11:48
S61	106	@ad<="20010309" and (257/355). ccls. and 'overvoltage'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 11:53
S62	105	@ad<="20010309" and (257/355-360).ccls. and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 11:55
S63	143	@ad<="20010309" and (257/107). ccls. and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 13:31
S64	12	@ad<="20010309" and (257/111). ccls. and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 13:31
S65	20	@ad<="20010309" and (257/112). ccls. and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 13:32
S66	24	@ad<="20010309" and (257/123). ccls. and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 13:32
S67	165	@ad<="20010309" and (257/139). ccls. and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 13:33



## EAST Search History

S68	110	@ad<="20010309" and (257/157). ccls. and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 13:33
S69	295	@ad<="20010309" and (257/173-175).ccls. and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 13:34
S70	25	@ad<="20010309" and 'thyristor' with 'protection' adj1 'component'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 14:26
S71	1	@ad<="20010309" and 'thyristor' with 'protected' adj1 'component'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 14:15
S72	45	@ad<="20010309" and 'thyristor' same 'component' same 'voltage' same 'protected'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 14:40
S73	52	@ad<="20010309" and 'thyristor' and 'component' and 'over voltage' and 'protected' and 'detector'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/11/08 14:40
S75	6	@ad<="20010309" and 'thyristor' and 'auxiliary electrode' and 'first terminal' and 'second terminal'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 12:30
S76	1	"5382826".PN.	USPAT; USOCR	OR	ON	2005/03/28 12:26
S77	1	"5077591".PN.	USPAT; USOCR	OR	ON	2005/03/28 12:27
S78	1	"4901127".PN.	USPAT; USOCR	OR	ON	2005/03/28 12:28
S79	193	@ad<="20010309" and 'thyristor' and 'auxiliary electrodes'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 13:12
S80	214	@ad<="20010309" and 'thyristor' and 'auxiliary' with 'gate electrodes'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 12:32

## EAST Search History

S81	35	@ad<="20010309" and 'thyristor' and 'auxiliary gate electrodes'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 12:48
S82	102	@ad<="20010309" and 'thyristor' and 'CMOS' and 'ESD'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 12:50
S83	105	@ad<="20010309" and 'thyristor' and 'CMOS' and 'ESD' and 'auxiliary'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 12:50
S84	2	@ad<="20010309" and 'thyristor' and 'CMOS' and 'ESD' and 'auxiliary'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 12:51
S85	4	@ad<="20010309" and 'ESD' and 'auxiliary electrode'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 12:52
S86	520	@ad<="20010309" and 'thyristor' and 'overvoltage protection'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 13:27
S87	12	("5907462" "4896243" "6081002" "5465189" "4779126" "5453384").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 13:15
S88	600	@ad<="20030909" and 'thyristor' and 'overvoltage protection'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 13:15
S89	119	@ad<="20030909" and 'Lateral SCR'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 13:23
S90	4	@ad<="20030909" and 'Lateral SCR' and 'control terminal'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 13:23
S91	22	@ad<="20030909" and 'thyristor' same 'base region' and 'overvoltage protection'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/28 13:27

## EAST Search History

S92	4	((("6424013") or ("6521952"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/28 14:17
S93	639	@ad<="20030909" and 'thyristor' and 'over' adj1 'voltage' and 'component'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/15 08:28
S94	400	@ad<="20010309" and 'SCR' and 'PROTECTION' and 'TRIGGER' and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/15 08:32
S95	395	@ad<="20010309" and 'SCR' and 'PROTECTION' and 'voltage' and 'TRIGGER' and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/15 08:58
S96	21	@ad<="20010309" and 'SCR' and 'PROTECTION' and 'voltage' and 'TRIGGER' and 'thyristor' and 'ESD'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/15 08:58
S97	1	"6081002".PN.	USPAT; USOCR	OR	ON	2005/07/15 08:45
S98	1	"5739998".PN.	USPAT; USOCR	OR	ON	2005/07/15 08:46
S99	1	"5615073".PN.	USPAT; USOCR	OR	ON	2005/07/15 08:47
S10 0	1	"5514893".PN.	USPAT; USOCR	OR	ON	2005/07/15 08:47
S10 1	1	"5086365".PN.	USPAT; USOCR	OR	ON	2005/07/15 08:47
S10 2	1	"5739998".PN.	USPAT; USOCR	OR	ON	2005/07/15 08:48
S10 3	1	"5615073".PN.	USPAT; USOCR	OR	ON	2005/07/15 08:48
S10 4	1	"5576557".PN.	USPAT; USOCR	OR	ON	2005/07/15 08:48
S10 5	1	"5400202".PN.	USPAT; USOCR	OR	ON	2005/07/15 08:49
S10 6	81	@ad<="20010309" and 'SCR' and 'PROTECTION' and 'control terminal' and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/15 09:03

## EAST Search History

S10 7	4	@ad<="20010309" and 'SCR' and 'PROTECTION' and 'control terminal' and 'thyristor' and 'ESD'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/15 08:58
S10 8	6	@ad<="20010309" and 'ESD' and 'control terminal' and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/15 09:03
S10 9	1543	@ad<="20030909" and (257/355). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 08:07
S11 0	1820	@ad<="20030909" and (361/56). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 08:44
S11 1	1411	@ad<="20030909" and (361/111). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 07:57
S11 2	102	@ad<="20030909" and (257/355). ccls. and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 08:00
S11 3	215	@ad<="20030909" and (361/56). ccls. and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 07:57
S11 4	154	@ad<="20030909" and (361/111). ccls. and 'thyristor'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 07:57
S11 5	27	@ad<="20030909" and 'thyristor' same 'over voltage' same 'detector'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 08:32
S11 7	950	@ad<="20030909" and 'thyristor' same 'overvoltage' with (detect\$4 or protect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 08:04
S11 8	46	@ad<="20030909" and 'thyristor' same 'overvoltage' with (detect\$4 or protect\$4) same ('trigger' or 'control') with 'terminal'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 08:05

## EAST Search History

S11 9	308	@ad<="20030909" and (257/107). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 08:17
S12 0	2710	@ad<="20030909" and (257/e29. 255).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 08:08
S12 1	198	@ad<="20030909" and (257/e29. 337).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 08:08
S12 2	42	@ad<="20030909" and (257/111). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 08:19
S12 3	488	@ad<="20030909" and (257/173). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 08:19
S12 4	42	@ad<="20030909" and (257/112). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 15:10
S12 5	54	@ad<="20030909" and (257/122). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 08:20
S12 6	36	@ad<="20030909" and (257/123). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/10 08:20
S12 7	0	@ad<="20030909" and 'silicon-controlled rectifier' same 'overvoltage' same 'detector'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 11:06
S12 8	60	@ad<="20030909" and 'silicon controlled rectifier' same 'overvoltage' same 'protection'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 08:27

## EAST Search History

S12 9	4	(("5907462") or ("5465189")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 08:13
S13 0	1	"5225702".PN.	USPAT; USOCR	OR	ON	2005/12/12 08:13
S13 1	17	'Chatterjee Amitava' and 'ESD' and 'SCR'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 08:25
S13 2	4	(("6493199") or ("6538266")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 08:25
S13 3	45	@ad<="20030909" and ('silicon controlled rectifier' or 'SCR') and 'lateral' and 'trigger' and 'overvoltage'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 08:28
S13 4	124	@ad<="20030909" and ('silicon controlled rectifier' or 'SCR') and 'lateral' and 'substrate' with 'trigger'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 08:28
S13 5	514	@ad<="20030909" and (361/56). ccls. and 'trigger'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 08:59
S13 6	84	'trigger' and 'lateral SCR' and 'CMOS'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 10:13
S13 7	2	("6872987").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/12 09:47
S13 8	1	"20030213971".PN.	US-PGPUB	OR	ON	2005/12/12 09:47
S13 9	1	"6605493".PN.	USPAT; USOCR	OR	ON	2005/12/12 09:47
S14 0	1	"6081002".PN.	USPAT; USOCR	OR	ON	2005/12/12 09:48
S14 1	1	"6074899".PN.	USPAT; USOCR	OR	ON	2005/12/12 09:49

## EAST Search History

S14 2	1	"5945713".PN.	USPAT; USOCR	OR	ON	2005/12/12 09:49
S14 3	1	"5923067".PN.	USPAT; USOCR	OR	ON	2005/12/12 09:49
S14 4	1	"5465189".PN.	USPAT; USOCR	OR	ON	2005/12/12 09:49
S14 5	1	"5872379".PN.	USPAT; USOCR	OR	ON	2005/12/12 09:59
S14 6	1	"5602404".PN.	USPAT; USOCR	OR	ON	2005/12/12 09:59
S14 7	90	trigger\$3 and 'lateral SCR' and 'CMOS'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 10:13
S14 8	79	'trigger' and 'lateral SCR' and 'CMOS' and 'gate'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 10:21
S14 9	0	'trigger' and 'lateral SCR' and 'CMOS' and 'auxiliary gate'	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 10:21
S15 0	0	'trigger' and 'lateral SCR' and 'auxiliary' with ('gate' or 'electrode')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 10:24
S15 1	0	'lateral SCR' and 'auxiliary' with ('gate' or 'electrode')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 10:24
S15 2	431	'SCR' and 'auxiliary' with ('gate' or 'electrode')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 10:24
S15 3	270	trigger\$3 and 'SCR' and 'auxiliary' with ('gate' or 'electrode')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 10:25
S15 4	6	'substrate' with trigger\$3 and 'SCR' and 'auxiliary' with ('gate' or 'electrode')	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 10:25

## EAST Search History

S15 5	200	@ad<="20030909" and ('silicon-controlled rectifier' or 'SCR') same 'substrate' with trigger\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 11:07
S15 6	220	@ad<="20030909" and ('silicon-controlled rectifier' or 'SCR') and 'ESD' and 'substrate' with trigger\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/12 11:08
S15 7	128	@ad<="20030909" and ('silicon-controlled rectifier' or 'SCR') same 'ESD' same 'substrate' with trigger\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 11:18
S15 8	4	(("6493199") or ("6538266")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/08 11:08
S15 9	1	"20020079538".PN.	US-PGPUB	OR	ON	2006/05/08 11:14
S16 0	1	"20010019138".PN.	US-PGPUB	OR	ON	2006/05/08 11:14
S16 1	1	"6281527".PN.	USPAT; USOCR	OR	ON	2006/05/08 11:14
S16 2	1	"6147369".PN.	USPAT; USOCR	OR	ON	2006/05/08 11:15
S16 3	48	@ad<="20010309" and lateral same ("silicon controlled rectifier" or "SCR") and "ESD" same substrate with trigger\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 11:17
S16 4	54	@ad<="20010309" and ("silicon-controlled rectifier" or "SCR") same "ESD" same substrate with trigger\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 12:51
S16 5	106	@ad<="20010309" and "CMOS" same substrate with trigger\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 12:51
S16 6	22	@ad<="20010309" and "CMOS" same substrate near trigger\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 12:51
S16 7	1	"5615073".PN.	USPAT; USOCR	OR	ON	2006/05/08 13:01
S16 8	1	"5514893".PN.	USPAT; USOCR	OR	ON	2006/05/08 13:01



## EAST Search History

S16 9	352	@ad<="20010309" and (257/173). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 13:04
S17 0	622	@ad<="20010309" and (257/372). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/08 13:04